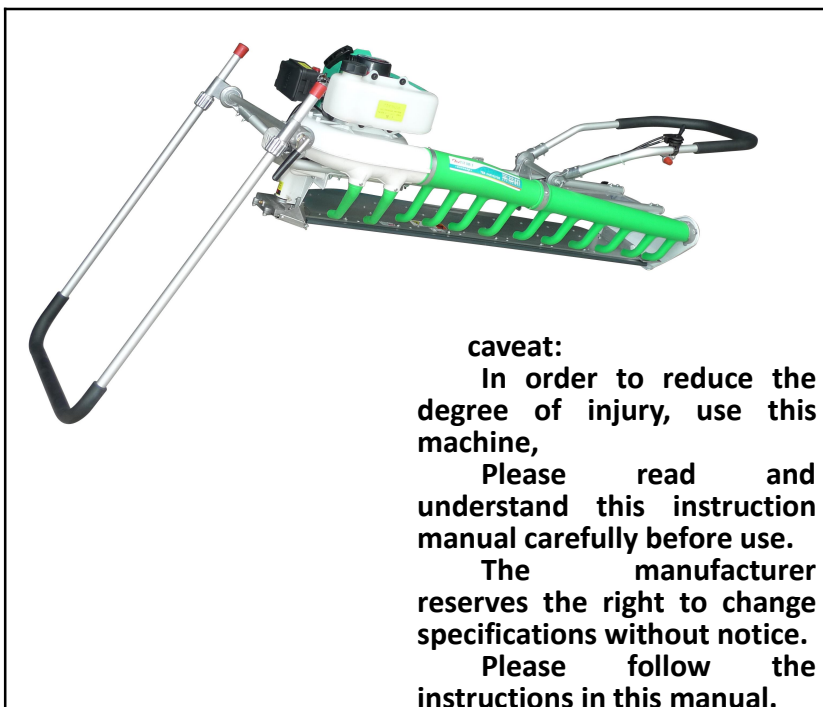




Model NO.:4CP-100

User's Guide

Product implementation standards:
JB/T 6281-2007 "tea picking machine"



Quanzhou Deli Agroforestril Machine Co.,Ltd

Thank you for using the “Deli” brand tea picking machine!

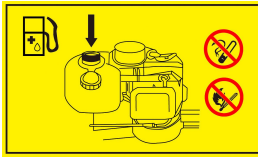
The tea picking machine has the advantages of reasonable structure, light weight and high efficiency, beautiful appearance, and is suitable for picking various leaf tea leaves. Before using this product, please read the instruction manual carefully to understand the structure and performance of the machine; master the methods of use, maintenance, maintenance and troubleshooting; ensure that you complete the task safely and efficiently. (Note: This machine is designed for tea only and cannot be used for other purposes)

This manual is part of the series of tea picking and should be included if resold or loaned.

NOTE! In order to ensure correct and safe operation, please read this instruction manual carefully before you can fully understand the performance of each part of the machine before operating the machine. If you do not follow the warning signs, barbaric machinery may cause accidental disability or equipment damage to yourself and others.



Warning! In order to be safe and fireproof, the machine must be stopped when refueling, and keep away from fire!



Please note that the blade hurts to the legs and feet when working.



Hot surface burns finger or palm



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1. Appearance and part name

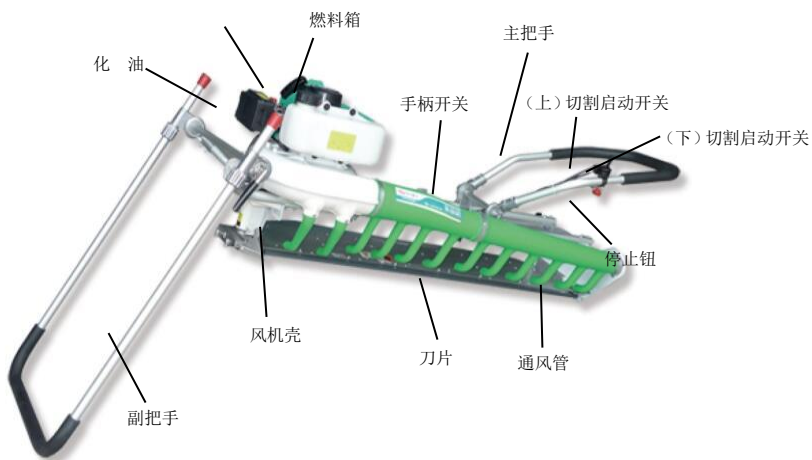


Figure 1

2. Parameter

NO.	Item	Unit	Parameter
1	Model NO.	/	4CP-100
2	Dimensions	mm	1170×490 ×430
3	Structure Type	/	双人平行抬式

4	挂接形式	/	连体	
5	Power type	/	Two-stroke gasoline engine	
6	Gasoline engine	Power	kW	2.2
		Speed	r/min	8000
7	燃油消耗率	g/(kW · h)	665	
8	Weight	kg	≤12.3	
9	Cutting width	mm	1000	
10	Output	Kg/(m · h)	≥270	

3. Gasoline Engine

3.1 Using fuel

It is necessary to use a mixture of gasoline and two-stroke special oil, the volume ratio of which is 25 liters of 25 liters of gasoline, and one liter of two-stroke engine oil (ie, 25:1), which is used after mixing. Intrusion of debris is strictly prohibited in the fuel tank.

3.2 Startup operation

Diaphragm carburetor occasion

(1) Press the oil pump continuously to press the cap until the fuel in the return pipe flows back into the oil tank.

(2) The air switch pushes the upper limit portion (closed) to the inside.

(3) The cutting switch is closed (must be in the off position)

(4) Pull the starting rope straight.

(5) After starting, the air switch is pushed back to the outside (open).

3.3 Cutting action of the blade

The cutting switch is rotated to the working position, the blade is cut and reciprocated, the cutting switch is pushed into place, and the blade stops cutting and reciprocating.

3.4 Stop method

(1) After the throttle switch and the cutting switch are pushed back to the original position, press the stop button (the stop button on the lower handle or the stop button on the gasoline engine).

(2) Close the fuel valve.

4.Operation

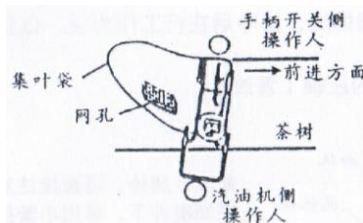


Figure 2

4.1 Installation of the leaf bag

(1) The rubber cord of the leaf pocket is pulled open on the nose bag hook at the back of the machine.

(2) The mesh portion of the collecting bag should be above

and slightly biased toward the gasoline engine side.

(3) The other part of the leaf bag is tied with a rope (sealing).

4.2 Fixing and telescopic adjustment of the long handle The long handle fixing screw sleeve is loosened and the handle can be adjusted telescopically.

4.3 Operating status

As shown in the above figure, the body and the tea line intersect at a slight inclination (the gasoline engine side is later), which is easier and more convenient to operate.

Note: The cutting speed and air volume of the upper and lower blades vary according to the situation and are adjusted appropriately.

5.Maintenance

5.1 Oil filling method

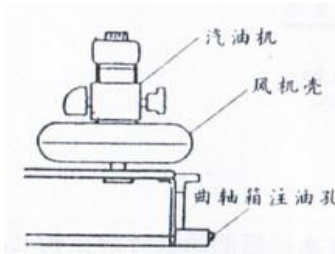
(1) Blade oiling

Due to the high speed movement of the blade when working, to ensure lubrication, reduce friction, work

For 1-2 hours, it is advisable to apply oil once.

Note: The oil that has spread to the outside is cleaned and then worked properly to prevent the tea from splashing with oil.

(2) Injection shaft (butter) in the crankcase



If there is a grease gun, you can directly fill the oil;

The grease fitting is unscrewed and the oil can be inserted into the small tube.

time interval	Injection volume
Two times/day	Crankcase front handle Old butter is squeezed nearby Until

Figure 3

5.2 Upper and lower blade clearance adjustment

Since the blade is cut for a long time, the blade surface will wear out and the cutting state will change. It needs to be adjusted in time as follows:

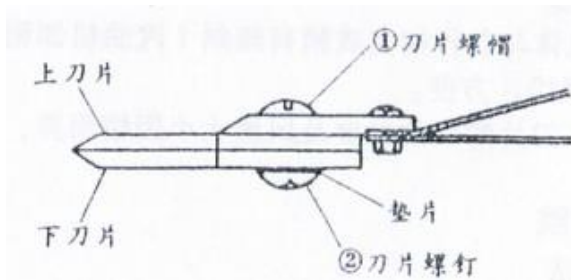


Figure 4

- (1) Loosen the nut ①;
- (2) Tighten the blade screw ② with a large cross-shaped screwdriver, and then loosen 1/4-1/2 turn in the opposite direction;
- (3) Then tighten the nut ①;
- (4) After the above adjustment, the lubricant is injected into the insert oil hole.
- (5) Start the gasoline engine, adjust the blade speed to the highest, and run for 1 minute.
- (6) Stop the gasoline engine and touch ① with your hand. If you feel that it is too hot to touch, it is too tight, turn it back slightly to ②, and then perform the re-adjustment of step (5).

5.3 Ventilation duct

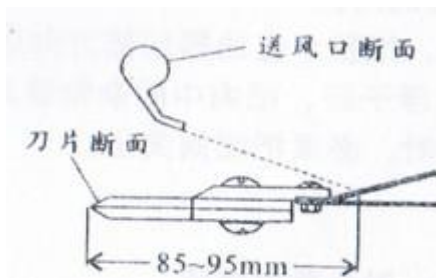


Figure 5

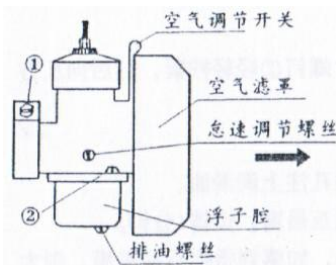
The air duct must be fixed in the correct position, otherwise the wind will be greatly affected. The company's products, the air duct has been adjusted to the best position. However, if during transportation or operation, the external position is inadvertently changed by the external force, as shown in the above figure.

5.4 Ventilation system cleaning

(1) If the foreign matter is inhaled in the cleaning fan of the fan, the air supply capacity will be low. The windshield at the bottom of the fan casing needs to be removed, and the foreign matter is cleaned and installed.

(2) Cleaning the inside of the exhaust pipe near the thin end of the air duct, debris is easy to accumulate. It is necessary to frequently remove the white rubber stopper at the end to remove the debris in the pipe and then plug it.

5.5 Air filter cleaning



①(Air filter cleaning) Remove the air filter cover, clean the sponge air filter with gasoline or other cleaning products, then wring it out and put it back in place.

Figure 6

4.6 Cleaning of the float oiler

Tighten the screw ① and loosen the whole carburetor in the direction of the arrow. Then loosen the screw ② and pull it

out of the float cavity to remove the debris. Then put it back.

Note: When cleaning the carburetor, the fuel valve must be closed.

6.Precautions

1. Be careful when handling to avoid gravity collision.

2, the rubber in the machine, plastic parts are susceptible to odorous liquid corrosion, to avoid splashing.

3. This machine is only suitable for picking tea, to prevent the use of trimming the old branches, otherwise it will shorten the life of the machine.

4. Points of attention in the operation of the gasoline engine.

Do not put your hands and clothes near the suction inlet of the fan. Even if the cutting switch is not open, do not touch the blades, pulleys, belts, etc., to avoid sudden high-speed rotation and injury. Do not touch the spark plug, wiring head, etc. Do not touch cylinders, silencers, etc. (because the temperature is very high). It is strictly forbidden to add fuel when the gasoline engine is in operation.

7. Long-term preservation

1. Clean, adjust, and maintain according to the fifth point (1), the fifth (2), and the fifth five points in the manual.
2. The fuel in the fuel tank [mixed oil] and the fuel in the carburetor are all removed.
3. Confirm that the screws of each part are tightened.
4. Wipe the parts of the machine cleanly, put the oil on the blade and put it in a cool and dry place.

8. Cause of issue and method of exclusion

Situation	Reason	Method of exclusion
Poor cutting	<ol style="list-style-type: none">1 blade cutting speed is too slow2 upper and lower blade gap is too large3 The position and direction of the air duct are not correct	<ol style="list-style-type: none">1 Increase gasoline engine speed2 Adjust as 5.23 Adjust as 5.2

Cutting ability	<p>1 The air volume is too small</p> <p>2 The position and direction of the ventilation pipe are not correct</p> <p>3 Enter the foreign body in the duct system</p> <p>4 The bottom plate of the machine is too dirty</p>	<p>1 Increase gasoline engine speed</p> <p>2 Adjust as 5.3</p> <p>3 Adjust as 5.4</p> <p>4 Scrub with a damp cloth</p>
Lower body	<p>1 Blade poor lubrication</p> <p>2 poor lubrication in the crankcase</p> <p>3 There are foreign objects in the upper and lower blade gaps</p> <p>4 Upper and lower blades are not well matched</p>	<p>1 fifth method of filling oil</p> <p>2 If it is not serious, please fill in the oil according to the fifth 1 (1) method.</p> <p>3 Stop the gasoline engine and clean it</p> <p>4 Cleaning with a damp cloth</p>
Inner leaf blockage	<p>1 Switch connection connector off</p> <p>2 Tension tension cable is poor</p> <p>3 V-belt off</p> <p>4 V-belt damage</p>	<p>1 Fast connector</p> <p>2 Adjust the adjuster in the wiring</p> <p>3 Remove the hood and put on the belt</p> <p>4 New treatment</p>

9. Gasoline engine failure or troubleshooting reasons

In the case of a bad gasoline engine, you must confirm and adjust according to the following steps.

1. Fuel

Mix the mix correctly with new fuel.

2. Whether the fuel oil circuit and the carburetor oil supply pipe are bent, nowhere, and the connection is firmly connected.

The inside of the carburetor is cleaned.

3, spark plug

Clean the spark plug with debris or not. Whether the gap between the electrodes is between 0.6 and 0.7 mm.

4. Is the wiring wire and spark plug connector of the external electrical appliance of the gasoline engine good?

5, stop button exception

Start the gasoline engine after removing the connector between the stop button and the spark plug (in this case, the gasoline engine side spark plug avoids touching).

6, idle speed adjustment

The left and right rotation of the idle adjustment screw in Figure 6 is adjusted. High speed, low speed

Note: Adjust the combination of each part to the best position in the carburetor, do not adjust easily.

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